

GenCore version 5.1.3  
Copyright (c) 1993 - 2002 CompuGen Ltd.

OM protein - protein search, using sw model

Run on: December 30, 2002, 16:17:08 ; Search time 10 Seconds  
(without alignments)  
112,542 Million cell updates/sec

Title: US-09-664-326-23  
Perfect score: 368  
Sequence: 1 LTYDCTESGONLCLCGSN.....PKQSHNDGFEEIP EYLQ 65

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 109717 seqs, 17314136 residues  
Total number of hits satisfying chosen parameters: 109717

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published Applications\_AA.\*  
1: /cgn2\_6/ptodata/1/pubppa/US08\_NEW\_PUB.pep.\*  
2: /cgn2\_6/ptodata/1/pubppa/PCT\_NEW\_PUB.pep.\*  
3: /cgn2\_6/ptodata/1/pubppa/US06\_NEW\_PUB.pep.\*  
4: /cgn2\_6/ptodata/1/pubppa/US06\_PUBCOMB.pep.\*  
5: /cgn2\_6/ptodata/1/pubppa/US07\_NEW\_PUB.pep.\*  
6: /cgn2\_6/ptodata/1/pubppa/US07\_PUBCOMB.pep.\*  
7: /cgn2\_6/ptodata/1/pubppa/PCTUS\_PUBCOMB.pep.\*  
8: /cgn2\_6/ptodata/1/pubppa/US08\_PUBCOMB.pep.\*  
9: /cgn2\_6/ptodata/1/pubppa/US09\_PUBCOMB.pep.\*  
10: /cgn2\_6/ptodata/1/pubppa/US09\_PUBCOMB.pep.\*  
11: /cgn2\_6/ptodata/1/pubppa/US10\_NEW\_PUB.pep.\*  
12: /cgn2\_6/ptodata/1/pubppa/US10\_PUBCOMB.pep.\*  
13: /cgn2\_6/ptodata/1/pubppa/US60\_NEW\_PUB.pep.\*  
14: /cgn2\_6/ptodata/1/pubppa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query %	Match length	ID	Description
1	368	100.0	65	US-09-899-235-15	Sequence 15, Appl
2	113.5	30.8	73	US-09-779-054-12	Sequence 12, Appl
3	77	20.9	14	US-09-765-614B-29	Sequence 29, Appl
4	77	20.9	14	US-09-925-715-25	Sequence 25, Appl
5	77	20.9	15	US-09-765-614B-18	Sequence 18, Appl
6	77	20.9	15	US-09-925-715-18	Sequence 18, Appl
7	70	19.0	160	US-09-798-042-100	Sequence 100, Appl
8	70	19.0	333	US-09-159-469-9	Sequence 9, Appl
9	70	19.0	333	US-09-798-042-85	Sequence 85, Appl
10	70	19.0	658	US-09-798-042-93	Sequence 93, Appl
11	70	19.0	658	US-09-798-042-93	Sequence 93, Appl
12	68.5	18.8	315	US-09-808-602-65	Sequence 65, Appl
13	68.5	18.8	1218	US-09-855-722-7	Sequence 7, Appl
14	66.5	18.1	810	US-09-976-165-34	Sequence 34, Appl
15	66	17.9	197	US-10-040-916-6	Sequence 6, Appl
16	64	17.4	18	US-09-905-831-5	Sequence 5, Appl
17	64	17.4	51	US-10-006-252A-75	Sequence 75, Appl
18	64	17.4	379	US-09-864-761-43222	Sequence 43222, A
19	63.5	17.3	568	US-09-945-676-7	Sequence 7, Appl

20	63.5	17.3	1036	US-09-995-593A-6	Sequence 6, Appl
21	63.5	17.3	1187	US-09-995-593A-7	Sequence 7, Appl
22	63.5	17.3	1218	US-09-995-593A-11	Sequence 11, Appl
23	63.5	17.3	1218	US-09-944-849-3	Sequence 3, Appl
24	63	17.1	51	US-10-006-252A-11	Sequence 11, Appl
25	63	17.1	51	US-10-006-252A-72	Sequence 72, Appl
26	63	17.1	51	US-10-006-252A-73	Sequence 73, Appl
27	63	17.1	51	US-10-006-252A-74	Sequence 74, Appl
28	63	17.1	2211	US-10-096-961-1	Sequence 1, Appl
29	62.5	17.0	3907	US-10-029-217A-24	Sequence 24, Appl
30	62	16.8	50	US-09-732-561-20	Sequence 20, Appl
31	62	16.8	50	US-10-006-252A-10	Sequence 10, Appl
32	62	16.8	50	US-10-006-252A-67	Sequence 67, Appl
33	62	16.8	50	US-10-006-252A-68	Sequence 68, Appl
34	62	16.8	50	US-10-006-252A-69	Sequence 69, Appl
35	62	16.8	51	US-09-732-561-18	Sequence 18, Appl
36	62	16.8	80	US-09-732-561-16	Sequence 16, Appl
37	62	16.8	80	US-09-732-561-22	Sequence 22, Appl
38	62	16.8	176	US-10-024-599-4	Sequence 4, Appl
39	61.5	16.7	513	US-09-742-684-2	Sequence 2, Appl
40	61.5	16.7	1604	US-09-888-615-73	Sequence 73, Appl
41	61	16.6	690	US-09-905-291A-49	Sequence 49, Appl
42	61	16.6	690	US-09-902-853-49	Sequence 49, Appl
43	61	16.6	690	US-09-828-366-7	Sequence 7, Appl
44	61	16.6	690	US-09-909-320-49	Sequence 49, Appl
45	61	16.6	690	US-09-909-088B-49	Sequence 49, Appl

## ALIGNMENTS

RESULT 1  
US-09-899-235-15  
; Sequence 15, Application US/09899235  
; Patent No. US20020173620A1  
; GENERAL INFORMATION:  
; APPLICANT: HABERMANN, PAUL  
; TITLE OF INVENTION: BIFUNCTIONAL FUSION PROTEINS FORMED FROM HIRUDIN AND  
; FILE REFERENCE: 02481.1750-00  
; CURRENT APPLICATION NUMBER: US/09/899,235  
; CURRENT FILING DATE: 2001-07-06  
; NUMBER OF SEQ ID NOS: 30  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 15  
; LENGTH: 65  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic Amino acid  
; OTHER INFORMATION: Sequence of Refludan (Lau - hirudin)  
US-09-899-235-15

Query Match 100.0%; Score 368; DB 9; Length 65;  
Best Local Similarity 100.0%; Pred. No. 9, 6e-33;  
Matches 65; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 LTYDCTESGONLCLCGSNVCGGNCILGSDSEKNCVTEGTPKQSHNDGFEEIP 60  
DB 1 LTYDCTESGONLCLCGSNVCGGNCILGSDSEKNCVTEGTPKQSHNDGFEEIP 60  
QY 61 EYLQ 65  
DB 61 EYLQ 65  
RESULT 2  
US-09-779-054-12  
; Sequence 12, Application US/09779054  
; Patent No. US20020120102A1  
; GENERAL INFORMATION:  
; APPLICANT: Lu, Xinyi  
; APPLICANT: Kakkar, Vijay

```

; TITLE OF INVENTION: USE OF DENDROASPIN AS A SCAFFOLD FOR NON-DENDROASPIN DOMAINS
; FILE REFERENCE: A-70312/TAL/AMS
; CURRENT APPLICATION NUMBER: US/09/779,054
; CURRENT FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: GB 0002625.2
; PRIOR FILING DATE: 2000-02-05
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
; LENGTH: 73
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Modified dendroaspin (KGM-dendroaspin-Hr)
US-09-779-054-12

Query Match      30.8%; Score 113.5; DB 10; Length 73;
Best Local Similarity 64.7%; Pred. No. 9.5e-06;
Matches 22; Conservative 2; Mismatches 3; Indels 7; Gaps 1;

QY 39 CVTGSGT-----PKPOSHNDGDEEIPPEYLQ 65
      1 1 : 1 : |||||
Db 40 CFTPKGDMGPGYCFRPOSHNDGDEEIPPEYLQ 73

RESULT 3
US-09-765-614B-29
; Sequence 29, Application US/09765614B
; Patent No. US20020102215A1
; GENERAL INFORMATION:
; APPLICANT: Nycomed Imaging AS
; TITLE OF INVENTION: Improvements in or relating to
; TITLE OF INVENTION: diagnostic/therapeutic
; FILE REFERENCE: REF/Klaveness/054
; CURRENT APPLICATION NUMBER: US/09/765,614B
; CURRENT FILING DATE: 2001-07-10
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 29
; LENGTH: 14
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial
; OTHER INFORMATION: Sequence:Thrombus
; OTHER INFORMATION: binding peptide
US-09-765-614B-29

Query Match      20.9%; Score 77; DB 10; Length 14;
Best Local Similarity 100.0%; Pred. No. 0.012;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 52 NDGDFEEIPPEYLQ 65
      |||||
Db 1 NDGDFEEIPPEYLQ 14

RESULT 4
US-09-925-715-25
; Sequence 25, Application US/09925715
; Patent No. US20020102217A1
; GENERAL INFORMATION:
; APPLICANT: Nycomed Imaging AS
; TITLE OF INVENTION: Improvements in or relating to diagnostic/therapeutic
; FILE REFERENCE: REF/Klaveness/206
; CURRENT APPLICATION NUMBER: US/09/925,715
; CURRENT FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 14
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
```

```

; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Thrombus
; OTHER INFORMATION: binding peptide
US-09-925-715-25

Query Match      20.9%; Score 77; DB 10; Length 14;
Best Local Similarity 100.0%; Pred. No. 0.012;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 52 NDGDFEEIPPEYLQ 65
      |||||
Db 1 NDGDFEEIPPEYLQ 14

RESULT 5
US-09-765-614B-18
; Sequence 18, Application US/09765614B
; Patent No. US20020102215A1
; GENERAL INFORMATION:
; APPLICANT: Nycomed Imaging AS
; TITLE OF INVENTION: Improvements in or relating to
; TITLE OF INVENTION: diagnostic/therapeutic
; FILE REFERENCE: REF/Klaveness/054
; CURRENT APPLICATION NUMBER: US/09/765,614B
; CURRENT FILING DATE: 2001-07-10
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial
; OTHER INFORMATION: Sequence:Lipopeptide
; OTHER INFORMATION: with affinity for thrombi
; NAME/KEY: MOD_RES
; LOCATION: (1)
; OTHER INFORMATION: Dipalmitoyl-Lys
; NAME/KEY: MOD_RES
; LOCATION: (15)
; OTHER INFORMATION: AMIDATION
US-09-765-614B-18

Query Match      20.9%; Score 77; DB 10; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 52 NDGDFEEIPPEYLQ 65
      |||||
Db 2 NDGDFEEIPPEYLQ 15

RESULT 6
US-09-925-715-18
; Sequence 18, Application US/09925715
; Patent No. US20020102217A1
; GENERAL INFORMATION:
; APPLICANT: Nycomed Imaging AS
; TITLE OF INVENTION: Improvements in or relating to diagnostic/therapeutic
; FILE REFERENCE: REF/Klaveness/206
; CURRENT APPLICATION NUMBER: US/09/925,715
; CURRENT FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
```

```

; OTHER INFORMATION: Description of Artificial Sequence:Lipopeptide
;
; OTHER INFORMATION: with an affinity for Unimodl
;
; NAME/KEY: MOD_RES
;
; LOCATION: (1)
;
; OTHER INFORMATION: Dipalmitoyl-Lysine
;
; NAME/KEY: MOD_RES
;
; LOCATION: (15)
;
; OTHER INFORMATION: AMIDATION
;
US-09-925-715-18

Query Match          20.9%; Score 77; DB 10; Length 15;
Best Local Similarity 100.0%; Pred. No. 0.013;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 52 NDGDFEIPREYIQ 65
DB 2 NDGDFEIPREYIQ 15

RESULT 7
US-09-798-042-100
; Sequence 100, Application US/09798042
; Patent No. US20020068343A1
;
; GENERAL INFORMATION:
;
; APPLICANT: Reed, Steven G.
;
; APPLICANT: Lodes, Michael J.
;
; APPLICANT: Houghton, Raymond L.
;
; APPLICANT: McNeill, Patricia D.
;
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS
;
; TITLE OF INVENTION: AND TREATMENT OF EHRLICHIA INFECTION
;
; FILE REFERENCE: 210121.439C7
;
; CURRENT APPLICATION NUMBER: US/09/798,042
;
; CURRENT FILING DATE: 2001-03-02
;
; NUMBER OF SEQ ID NOS: 108
;
; SOFTWARE: FastSeq for Windows Version 3.0
;
; SEQ ID NO 100
;
; LENGTH: 160
;
; TYPE: PRF
;
; ORGANISM: Ehrlichia sp.
;
US-09-798-042-100

Query Match          19.0%; Score 70; DB 10; Length 160;
Best Local Similarity 29.6%; Pred. No. 0.88;
Matches 21; Conservative 10; Mismatches 26; Indels 14; Gaps 3;

QY 6 CTESGONLCLEGSNVCQGN-----KCILGSDGERN-OCVTGEGTPKPSHNDGDF-- 56
DB 79 CGDNGSSTTTSGTNVSEGVFRDFIRATLKEDGSKNWPSSGTGPKPYTNDNAKAVA 138

QY 57 -----EIPPE 62
DB 139 KDLVQELTPEE 149

RESULT 8
US-09-159-469-9
; Sequence 9, Application US/09159469
; Patent No. US20020064535A1
;
; GENERAL INFORMATION:
;
; APPLICANT: Reed, Steven G.
;
; APPLICANT: Lodes, Michael J.
;
; APPLICANT: Houghton, Raymond
;
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS AND
;
; TITLE OF INVENTION: THERAPY OF EHRLICHIA INFECTION
;
; NUMBER OF SEQUENCES: 73
;
; CORRESPONDENCE ADDRESS:
;
; ADDRESSEE: SEED and BERRY LLP
;
; STREET: 6300 Columbia Center, 701 Fifth Avenue
;
; CITY: Seattle
;
; STATE: Washington
;
; COUNTRY: USA
;
; ZIP: 98104
;
; COMPUTER READABLE FORM:
```

```

;
; MEDIUM TYPE: Floppy disk
;
; COMPUTER: IBM PC compatible
;
; OPERATING SYSTEM: PC-DOS/MS-DOS
;
; SOFTWARE: PatentIn Release #1.0, Version #1.30
;
; CURRENT APPLICATION DATA:
;
; APPLICATION NUMBER: US/09/159,469
;
; FILING DATE:
;
; CLASSIFICATION:
;
; PRIOR APPLICATION DATA:
;
; APPLICATION NUMBER: 09/106,582
;
; FILING DATE: 29-JUN-1998
;
; ATTORNEY/AGENT INFORMATION:
;
; NAME: Makl, David J.
;
; REGISTRATION NUMBER: 31,392
;
; REFERENCE/DOCKET NUMBER: 210121.439C2
;
; TELECOMMUNICATION INFORMATION:
;
; TELEPHONE: 206-622-4900
;
; TELEFAX: 206-682-6031
;
; INFORMATION FOR SEQ ID NO: 9:
;
; SEQUENCE CHARACTERISTICS:
;
; LENGTH: 323 amino acids
;
; TYPE: amino acid
;
; STRANDEDNESS: single
;
; TOPOLOGY: linear
;
; MOLECULE TYPE: protein
;
US-09-159-469-9

Query Match          19.0%; Score 70; DB 10; Length 323;
Best Local Similarity 29.6%; Pred. No. 1.9;
Matches 21; Conservative 10; Mismatches 26; Indels 14; Gaps 3;

QY 6 CTESGONLCLEGSNVCQGN-----KCILGSDGERN-OCVTGEGTPKPSHNDGDF-- 56
DB 185 CGDNGSSTTTSGTNVSEGVFRDFIRATLKEDGSKNWPSSGTGPKPYTNDNAKAVA 244

QY 57 -----EIPPE 62
DB 245 KDLVQELTPEE 255

RESULT 9
US-09-798-042-9
; Sequence 9, Application US/09798042
; Patent No. US20020068343A1
;
; GENERAL INFORMATION:
;
; APPLICANT: Reed, Steven G.
;
; APPLICANT: Lodes, Michael J.
;
; APPLICANT: Houghton, Raymond L.
;
; APPLICANT: McNeill, Patricia D.
;
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS
;
; TITLE OF INVENTION: AND TREATMENT OF EHRLICHIA INFECTION
;
; FILE REFERENCE: 210121.439C7
;
; CURRENT APPLICATION NUMBER: US/09/798,042
;
; CURRENT FILING DATE: 2001-03-02
;
; NUMBER OF SEQ ID NOS: 108
;
; SOFTWARE: FastSeq for Windows Version 3.0
;
; SEQ ID NO 9
;
; LENGTH: 323
;
; TYPE: PRF
;
; ORGANISM: Ehrlichia sp.
;
US-09-798-042-9

Query Match          19.0%; Score 70; DB 10; Length 323;
Best Local Similarity 29.6%; Pred. No. 1.9;
Matches 21; Conservative 10; Mismatches 26; Indels 14; Gaps 3;

QY 6 CTESGONLCLEGSNVCQGN-----KCILGSDGERN-OCVTGEGTPKPSHNDGDF-- 56
DB 185 CGDNGSSTTTSGTNVSEGVFRDFIRATLKEDGSKNWPSSGTGPKPYTNDNAKAVA 244

QY 57 -----EIPPE 62
DB 245 KDLVQELTPEE 255
```

RESULT 10  
US-09-798-042-85  
; Sequence 85, Application US/09798042  
; Patent No. US20020068343A1  
; GENERAL INFORMATION:  
; APPLICANT: Reed, Steven G.  
; APPLICANT: Lodes, Michael J.  
; APPLICANT: Houghton, Raymond L.  
; APPLICANT: McNeill, Patricia D.  
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS  
; TITLE OF INVENTION: AND TREATMENT OF EHRLICHIA INFECTION  
; FILE REFERENCE: 210121.439C7  
; CURRENT APPLICATION NUMBER: US/09/798,042  
; CURRENT FILING DATE: 2001-03-02  
; NUMBER OF SEQ ID NOS: 108  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 85  
; LENGTH: 658  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: Amino acid sequence of fusion protein containing  
US-09-798-042-85

Query Match 19.0%; Score 70; DB 10; Length 658;  
Best Local Similarity 29.6%; Pred. No. 3.9;  
Matches 21; Conservative 10; Mismatches 26; Indels 14; Gaps 3;

OY 6 CTESGONCLCGSNVCGGN-----KCIIGSDGKKN-QCVTGESTPRPQSHNDGDF-- 56  
DB 194 CQDNGSSTTTGTFVSETGQVFRDFTIRATLKEDGSKNMPSTSSGCTPPKPVINDAKAVA 253  
OY 57 -----EIIPEE 62  
DB 254 KDLVQELIPEE 264

RESULT 11  
US-09-798-042-93  
; Sequence 93, Application US/09798042  
; Patent No. US20020068343A1  
; GENERAL INFORMATION:  
; APPLICANT: Reed, Steven G.  
; APPLICANT: Lodes, Michael J.  
; APPLICANT: Houghton, Raymond L.  
; APPLICANT: McNeill, Patricia D.  
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DIAGNOSIS  
; TITLE OF INVENTION: AND TREATMENT OF EHRLICHIA INFECTION  
; FILE REFERENCE: 210121.439C7  
; CURRENT APPLICATION NUMBER: US/09/798,042  
; CURRENT FILING DATE: 2001-03-02  
; NUMBER OF SEQ ID NOS: 108  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 93  
; LENGTH: 658  
; TYPE: PRT  
; ORGANISM: Ehrlichia  
US-09-798-042-93

Query Match 19.0%; Score 70; DB 10; Length 658;  
Best Local Similarity 29.6%; Pred. No. 3.9;  
Matches 21; Conservative 10; Mismatches 26; Indels 14; Gaps 3;

OY 6 CTESGONCLCGSNVCGGN-----KCIIGSDGKKN-QCVTGESTPRPQSHNDGDF-- 56  
DB 194 CQDNGSSTTTGTFVSETGQVFRDFTIRATLKEDGSKNMPSTSSGCTPPKPVINDAKAVA 253  
OY 57 -----EIIPEE 62  
DB 254 KDLVQELIPEE 264

RESULT 12  
US-09-808-602-65  
; Sequence 65, Application US/09808602  
; Patent No. US2002015115A1  
; GENERAL INFORMATION:  
; APPLICANT: Vernet, Corine A  
; APPLICANT: Fernandes, Elma  
; APPLICANT: Shimkets, Richard A  
; APPLICANT: Herman, John L.  
; APPLICANT: Majumder, Kumud  
; APPLICANT: Mishra, Vishnu  
; APPLICANT: Mezes, Peter S  
; APPLICANT: MacDougall, John  
; TITLE OF INVENTION: NO. US2002015115A1el Proteins and Nucleic Acids Encoding Same  
; FILE REFERENCE: 15966-697 CIP  
; CURRENT APPLICATION NUMBER: US/09/808,602  
; CURRENT FILING DATE: 2001-03-14  
; PRIOR APPLICATION NUMBER: 09/800,198  
; PRIOR FILING DATE: 2001-03-05  
; PRIOR APPLICATION NUMBER: 60/186,596  
; PRIOR FILING DATE: 2000-03-03  
; NUMBER OF SEQ ID NOS: 114  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 65  
; LENGTH: 315  
; TYPE: PRT  
; ORGANISM: Gallus gallus  
US-09-808-602-65

Query Match 18.8%; Score 69; DB 9; Length 315;  
Best Local Similarity 33.3%; Pred. No. 2.3;  
Matches 21; Conservative 6; Mismatches 26; Indels 10; Gaps 3;

OY 7 TESGONCLC-----EGSNVCGGNKCIIG-SDEKKNQCVTGESTPRPQSHNDGDFEI 59  
DB 45 TEKGPTCLIEQCKPRHGPVCGSNGKTYLHNCELHRACLIGS--RIQVYDGHCKEK 101  
OY 60 PEE 62  
DB 102 KSE 104

RESULT 13  
US-09-855-722-7  
; Sequence 7, Application US/09855722  
; Patent No. US20020049306A1  
; GENERAL INFORMATION:  
; APPLICANT: Sakano, Sei-ji  
; APPLICANT: Itoh, Akira  
; TITLE OF INVENTION: DIFFERENTIATION-SUPPRESSIVE POLYPEPTIDE  
; FILE REFERENCE: KP-8576  
; CURRENT APPLICATION NUMBER: US/09/855,722  
; CURRENT FILING DATE: 2001-05-16  
; PRIOR APPLICATION NUMBER: 09/214,278  
; PRIOR FILING DATE: 1999-01-26  
; NUMBER OF SEQ ID NOS: 32  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 7  
; LENGTH: 1218  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-855-722-7

Query Match 18.6%; Score 68.5; DB 10; Length 1218;  
Best Local Similarity 28.8%; Pred. No. 11;  
Matches 23; Conservative 5; Mismatches 23; Indels 29; Gaps 4;

OY 6 CTESGONCLCGS-----NVCGGNKCIIG-----SDGKKNQCVTGESTPRPQSHNDGDFEI 50  
DB 276 CNEPWO--CLCETNMGGLCKDKLDLNYCTGTROPCLNGGTCSTNTGTPKTYOCSCEPGEISGPN 333

QY 51 -----HNDGFEE 58  
Db 334 EIAEHACLDPCCHNRSSCKE 353

## RESULT 14

US-09-976-165-34  
; Sequence 34, Application US/09976165  
; Patent No. US20020107383A1  
; GENERAL INFORMATION:  
; APPLICANT: FUJIMURA, TSUTOMU  
; APPLICANT: WATANABE, TAKESHI  
; APPLICANT: HORIE, MASAO  
; TITLE OF INVENTION: AN ISOLATED NUCLEIC ACID MOLECULE ENCODING HUMAN  
; TITLE OF INVENTION: SKELETAL MUSCLE-SPECIFIC UBIOUITIN-CONJUGATING ENZYME  
; FILE REFERENCE: Q-535399  
; CURRENT APPLICATION NUMBER: US/09/976,165  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/565,538  
; PRIOR FILING DATE: 2000-05-05  
; PRIOR APPLICATION NUMBER: 09/055,699  
; PRIOR FILING DATE: 1998-04-07  
; PRIOR APPLICATION NUMBER: 08/820,170  
; PRIOR FILING DATE: 1997-03-19  
; PRIOR APPLICATION NUMBER: JP 63410/1996  
; PRIOR FILING DATE: 1996-03-19  
; PRIOR APPLICATION NUMBER: JP 69163/1997  
; PRIOR FILING DATE: 1997-03-05  
; NUMBER OF SEQ ID NOS: 95  
; SOFTWARE: PatentIn Ver. 2.1  
; SEQ ID NO 34  
; LENGTH: 810  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-976-165-34

Query Match 18.1%; Score 66.5; DB 10; Length 810;  
Best Local Similarity 34.1%; Pred. No. 12;  
Matches 14; Conservative 7; Mismatches 9; Indels 11; Gaps 3;  
QY 5 DCTESG---ONLC--LCESNVCGGNCICLISDGEKNC 39  
Db 372 NCSEKHIIPNOCRCYRGHNCABGPKC-----GENSEC 407

## RESULT 15

US-10-040-916-6  
; Sequence 6, Application US/10040916  
; Patent No. US20020146769A1  
; GENERAL INFORMATION:  
; APPLICANT: Jacobs, Kenneth  
; McCoy, John  
; Lavalley, Edward  
; Racle, Lisa  
; Merberg, David  
; Treacy, Maurice  
; Evans, Cheryl  
; Spaulding, Vikki  
; TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES  
; ENCODING THEM  
; NUMBER OF SEQUENCES: 71  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Genetics Institute, Inc.  
; STREET: 87 CambridgePark Drive  
; CITY: Cambridge  
; STATE: Massachusetts  
; COUNTRY: U.S.A.  
; ZIP: 02140  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30

;;  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/10/040,916  
;; FILING DATE: 07-Jan-2002  
;; CLASSIFICATION: <Unknown>  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/887,029  
;; FILING DATE: 07-FEB-1997  
;; APPLICATION NUMBER: 08/686,878  
;; FILING DATE: <Unknown>  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Brown, Scott A.  
;; REGISTRATION NUMBER: 32,724  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: (617) 498-8224  
;; TELEFAX: (617) 876-5851  
;; INFORMATION FOR SEQ ID NO: 6:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 197 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS: <Unknown>  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-10-040-916-6

Query Match 17.9%; Score 66; DB 12; Length 197;  
Best Local Similarity 33.3%; Pred. No. 2.9;  
Matches 18; Conservative 6; Mismatches 22; Indels 8; Gaps 2;  
QY 1 LTYTDCESGONLCICGSNVCGGNCICLISDGEKN-----OCVTGEGTPKP 48  
Db 38 VTSTGITEDEGPASCYSGEXKXEG--FAISSESEENGESAMSTVAKEGTNVP 89

Search completed: December 30, 2002, 16:21:06  
Job time : 10 secs

